Abstract

Name of Work : Modified Estimate For the Work of Improvements to Drain and Asphalting to Medarahalli Area & Chikkasandra Area in Ward No. 12 Shettyhalli Sub Division (2-Works) Package No. DZ 2017-18-(02) (Improvements to Roads and asphalting to Medarahalli area, Shettyhalli main road via railway gate to Medarahalli main Road and Chikkasandra area, Bonemill main road in Ward No.12 Shettyhalli sub Division)

Name of Agency :- M.S.Venkatesh

Est Cost : Rs. 250.00 Lakhs

Job Code No:012-18-000017 and 012-18-000018.

Work Order No: EE/DD/WO/302/2018-19 Dated:02-02-2019

Item No	Description of Item	Qty	Tender Rate	Amount	Unit	Date of Measurement
1	Removing B.S. slab of Drain and stacking.(page No 25., I.no.5.32 of KPWD S.R 2016-17)					Not Executed
		0.00	73.59	0.00	Sqm	
2	Earthwork excavation by manulal means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / chapter 3 (P-141/19.1)					04.12.2019
		3358.32	97.32	326831.70	Cum	
3	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3					07.12.2019
	BOQ QTY	1504.80	5.93	8923.46	sqm	
	UPTO 125%QTY	376.20	5.93	2230.87	sqm	
	ABOVE 125% QTY	5829.80	7.12	41508.18	sqm	

Contractor

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	Description of Item	Qty	Tender Rate	Amount	Unit	Date of Measurement
4	KSRRB M300-55. Construction of sub-grade and earthen shoulders with approved material Gravel/Murrum with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No. 300-2 complete as per specifications (including cost of earth, watering charges & compaction by vibratory roller) MORTH Specification No. 305					Not Executed
		0.00	392.85	0.00	Sqm	
5	KSRRB M400-6.1. Construction of granular sub-base Grading-V as Sub-base and Drainage Layer By providing Coarse graded Crushed stone aggregates of granite/trap/basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specifications. clause 401 of Morth V revision (Page No.153., I. No.20.5.)					09.09.2019
		1156.62	1731.66	2002872.59	Sqm	
6	Providing, laying, spreading and compacting Cushed stones aggregate of granite/trap/basalt to Wet Mix Macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mix method of tipper to site,Laying in uniform layers with paver in subbase/base course on the well prepared surface and compacting with vibratory rollers to achive the desired density complete as per MORTH specification No. 406.etc with all lead and lifts and as per directions of the Engineer-in-charge(Item No: 20.18, Page No:157 of KPWD S.R2016-17)					12.09.2019
	BOQ QTY	1447.92	1979.72	2866476.18	Cum	
	UPTO 125% QTY	325.56	1979.72	644517.64	Cum	

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರಾಜಾಜಿನಗರ, ಬೆಂಗಳೂರು.

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o	Description of Item	Qty	Tender Rate	Amount	Unit	Date of Measurement
7	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502					09.12.2019
	BOQ QTY	7643.60	30.86	235881.50	sqm	
	UPTO 125% QTY	1910.90	30.86	58970.37	sqm	
	ABOVE 125% QTY	10887.30	40.35	439302.56	sqm	
8	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.					09.12.2019
	BOQ QTY	13262.25	3.56	47213.61	sqm	
	UPTO 125% QTY	3315.56	3.56	11803.39	sqm	
	ABOVE 125% QTY	3863.99	5.93	22913.46	sqm	
9	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5					10.12.2019
		20441.80	13.06	266969.91	Sqm	

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	Description of Item	Qty	Tender Rate	Amount	Unit	Date of Measurement
10	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed Coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, butexcluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-ll (50 mm to 75 mm) with 3.3 % VG-30 Bitumen					10.12.2019
	BOQ QTY	833.60	6210.95	5177447.92	cum	
	UPTO 125% QTY	188.49	6210.95	1170701.97	cum	
11	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-ll (30 mm to 45 mm) with6 % VG-30 BitumenMORTH Specification No. 509(Sl No. 21.22.6, Page 164)					12.01.2019
	BOQ QTY	726.18	15283.48	11098557.51	Cum	
	UPTO 125% QTY	91.49	15283.48	1398285.59	Cum	
12	Add Plastic to Bituminous Concrete 8% of Bitumen					
	BOQ QTY	8190.83	30.23	247608.79	kg	
	UPTO 125%QTY	1032.51	30.23	31212.78	kg	

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	Description of Item	Qty	Tender Rate	Amount	Unit	Date of Measurement
13	Road marking with Hot Applied Thermoplastic Compound with reflectorising glass beads on bituminous surface:- Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250 gms per sqm area,thickness of 2.5mm is exclusive of surface applied glass beads as per IRC 35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 Page no- 181., It-24.15 of KPWD S.R 2016-17					15.12.2019
		987.00	607.68	599780.16	Cum	
14	KSRRB M800-35. Providing and fixing of road stud 100x 100 mm, die- Nos cast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS: 873 part 4:1973 complete as per specifications					NOT EXECUTED
		0.00	402.35	0.00	NOS	
15	Refixing B.S. slab of Drain and pointing in C.M (1:3) (Page No.25., I NO.5.33 of KPWD S.R 2016-17)					NOT EXECUTED
		0.00	3.56	0.00	Sqm	
16	Providing Granite Slabs of Selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc.., Complete(Page No.25., I.No.5.31 of KPWD S.R 2016-17)					NOT EXECUTED
		0.00	745.36	0.00	Sqm	
17	Lead charges for conveying the Exacavated earth including loading and unloading upto 10kms as per directions.					
		3358.32	118.69	398599.00	cum	

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